Course Syllabus

Instructor: Prof. T.B. Pedersen  E-Mail: pederstb@piercecollege.edu
Course: Math 262 – Calculus II
Pre-Requisites: Math 261 … Calculus I … and everything leading to this point …
Book: Calculus: Early Transcendentals, 7th Ed, James Stewart with WEBASSIGN
Meeting Time: Mon & Wed (7:00 PM – 9:30 PM); September 3 – December 17
Meeting Place: Math 1412

I’ll be using WEBASSIGN this semester for homework purposes (see below for further instructions). The purchase of WEBASSIGN includes an e–copy of the textbook. It is your choice whether your wish a physical copy of the textbook or not.

This course is the subsequent course to Math 261. We will continue the study of Calculus and focus on the following items:

1. Techniques of Integration (Chp. 7)
2. Further Application of Integration (Chp. 8)
3. Differential Equations ~ Separation of Variables only ~ (Sec. 9.3)
4. Parametric Equations and Polar Coordinates (Chp. 10)
5. Infinite Sequences and Series (Chp. 11)

Your grade will be computed as follows:

- Chapter Tests 50% (5 exams, drop 1, each counts 12.5%)
- Homework 20% (graded online for correctness)
- Final Exam 30% (TBA)

Grading Scale:

- A = 88%
- B = 77%
- C = 67%
- D = 57%

- There will be NO make-ups of any missed exams. You must be here to take each exam…NO EXCEPTIONS!!! All exams will be given at the beginning of the meeting and will last approximately 60 - 75 minutes. We will cover materials after the test, so there’s NO TEST & GO!
- Please bring a large exam book (GREEN BOOK / BLUE BOOK) for each exam. You do not need one for the Final Exam.
- I will drop your lowest test score (only one)…not including the Final Exam.
- There will be NO multiple choice questions on any exam, except perhaps on the Final Exam. Each question will require a worked out solution.
- Calculators will NOT be allowed on any exam, except where appropriate…including the Final Exam.
- It is your responsibility to drop the class by the deadline. I will not drop you on your behalf. Just because you stop attending, doesn’t mean that you’re automatically dropped…Click here for important semester dates...
- If you are caught cheating (notes up your sleeve, using calculator when not allowed, etc), you will receive a DOUBLE FAIL…a zero on two tests…and you will be reported to the Math Department Chair and to the VP of Student Services for disciplinary action. (see the following link for more information) http://faculty.piercecollege.edu/martinrm/CheatingBlurb.htm
- If you have problems with any topics in the course, please don’t hesitate to ask questions. If you need more one-on-one direct help, then I direct you to the Center for Academic Success. Please call (818) 719-6414 for more information.
My office hours will be from 6:30 PM to 7:00 PM before class on Monday and Wednesday...the days that the class meets.

- The SLO’s (Student Learning Outcomes) are listed here.

- For Math 262...Model and solve an applied problem by formulating a definite integral and evaluating the integral using an appropriate algebraic technique (e.g. substitution, integration by parts) or using numerical techniques (e.g. Simpson’s Rule or Taylor polynomials).

- Math Study Skills...click here...

I will assign problems using WEBASSIGN for homework, which are due on the day of the test for that chapter. You’ll need to register on WEBASSIGN.COM and use the following class key to enroll in the class: pierce.ctc 2052 4742. Make sure that you enter in an email, which you actually check frequently, so that I can email you any class information should the need arise.

The problems will be graded on correctness, so take your time when you’re working them out. If you have problems with the material then let me know, and we can go over some problems in class. Please feel free to ask questions, but understand that we have a good amount of material to get through each meeting so spending 1 hour on homework questions is too much.

Good luck on a successful semester...😊...